Development (1941) Department

M. SERIES.

G.O. No. 72

Dated 14th January 1941

[Despatch Abstract.]

Agriculture - Dry farming Research - Trial in cultivator's lands at Goladerasi - Scheme - Sanctioned.

Secrt. II-74—20,00

Dev Department.

C. No. 20495 III/40

List of records put up.

Number.	Date.	Department.	Signature of Clerk putting up the paper	Signature of Clerk removing the paper.
ई० 1137	2-5-39	Dev.	(Q)	→ Read for Cr. 12842 B/4
ई० 29804 III/39	11.00.39	— " —	(R)	Ishwar
ई० 220	29-1-40	— " —	(S)	Do
Copy of the letter No. D-1656-39 dt 29.4.40			(T)	

C.F. 20.

'AGRICULTURAL' DEPARTMENT.

Received ..... 19 *Registered* 20438 III 19
29-7-40

Subject

DRY FARMING RESEARCH - TRIAL OF THE SUCCESSFUL METHODS OF DRY FARMING ON AN AREA OF 25 ACRES IN CULTIVATORS' LANDS.

ENCLOSURES.
No. .....
.....
Spare copies .....

R.O.C. D.1-No. 1402/39.

Station- Madras, *Dated the* 18th July 19 40.

From (Name) A.C. Westlake, Esq., I.C.S.,
(Designation) Director of Agriculture,

To The Secretary to the Government of Madras,
Development Department.

Sir,

Ref: Government Endorsement No.27943-III/39-2, dated the 11th October 1939.

---

10 2-93
13-5-40
Put up in file
CM.9622 III/40
Groundnut - Red Soils
in Nellore Dist.
10 of
304 III/35-1
11-10-39 (R)

The suggestion made by the Imperial Council of Agricultural Research in paragraph 2 of their letter No.F.53(5)/39 A.I. dated 5th October 1939 and the object of work envisaged in the Project Scheme for improving the efficiency of cotton cultivation in Bellary District, a copy of which was sent to Government with this office letter No.D.1-658/39 dated 29th April

Pp.1-20 in Linked file CM.9622 III/40

1940 in reply to Government Endorsement No.1208-III/39-1, dated 15th May 1939 are identical. It would be possible to utilise an area of 25 acres for carrying out the suggestion of the Imperial Council of Agricultural Research out of the 500 acres to be taken at Alur for the Project Scheme. Therefore, the work proposed by the Imperial Council of Agricultural Research can be carried out in the Project area if the scheme materialises this year.

B p. 4 of Gl. 22 Dec 29-1-40 (S)

of Halaharvi in Alur Tk, Bellary Dt

K

2. But, if the Scheme is not sanctioned by 1st January 1941, it is desirable to push on with the suggestion of the Imperial Council of Agricultural Research which may be carried out in a village called Joladarasi (about 15 miles to the east of the Dry Farming Station, Hagari where the soils are darker and deeper than those of the Dry Farming Station) on an area of 25 acres to be leased for the purpose. Details of proposals together with the estimate of costs and receipts are appended. The work can be started at Joladarasi in July 1941 if the Imperial Council of Agricultural Research provide the sum of Rs.1,000/- by April 1941.

x paras 1 & 2 on p. 1 of (1)

pp. 3-18 below

A

Expenditure to be shared equally by Govt. Prov. & I.C.A.R. p. 21 infra

K. J. Advani
for DIRECTOR OF AGRICULTURE.

KVA.24/7.
24/1

APPENDIX I.

The proposals for leasing an area of 25 acres in the village of Joladarasi, about 5 miles to the east of the Dry Farming Station, Hagari, where the soils are darker and deeper than those of the station, to try the promising items of improved dry farming methods on a field scale:--

The common programme of work of the Dry Farming Research Schemes of the Hagari, Sholapur and Bijapur, and Raichur indicated in letter No.F.53(5)/39-A.1 dated 5th October 1939 of the Imperial Council of Agricultural Research has been kept in view while submitting these proposals. In part II of the common programme, what should comprise the improvement and what is to be the cultivators' for a comparison are given. It applies more to Bombay conditions. Accepting the main principles and coupled with the local agronomic conditions together with the definite agronomic achievement of the Madras Dry Farming Scheme, a programme of large scale field trial is proposed. From the experiments in progress we have yet to find out the optimum dose of farm yard manure as manuring has indicated usefulness, besides we have data to show that interculture is necessary to remove weeds which inhibit the crop growth consequently seriously tells upon the yield, but we have to fix up the optimum number of intercultures. Again we have data to indicate that by ploughing we get increased yields in the second year but the cost of ploughing has been more than the extra return. Hence in the large scale trials only the following reliable items will be compared with the cultivators' method of farming:--

i. bunding with the 7" bund former.
ii. fallowing.
iii. low seed rate of 4 lbs. per acre.
iv. wider spacing - 18" between rows of Sorghum and 36" between rows of Cotton.

Disposed of vide G.O. 1072-93 Dev 13-5-40 (put up in file CRP.3622 III 40 Rd Soil. scheme - Anantapur Dist. circd. to A2 4-9-40)

The varieties to be used:--

Cotton - Hagari 1

Sorghum - M.47-3

Italian Millet - K.68

The area will be divided into:--

1. A five acre plot where the cultivators' practices will be adopted. The rotation will be cotton - Italian Millet in a portion or Korrapathi (mixture of Italian Millet and Cotton), and Sorghum - cotton. In each year half of the area will be under cotton, one-fourth of the area will be sown with Italian Millet if timely mungari (=Kharif =Early) rains are received, or with Korrapathi, and the other one-fourth of the area will be sown with Sorghum.

2. A 20 acre plot will have the four promising improvements detailed earlier. Three acres will be fallow, free from weeds, in each year in rotation. In the remaining 17 acres, 8½ acres will be under cotton, 4½ acres under Italian Millet or Korrapathi and 4½ acres will be under Sorghum. A plan of the layout and cropping for each year is given in Appendix III and IV.

Cotton Sorghum and Italian Millet or Korrap

Ph-II-13 below

Ph-7-9 below

and part Exp

3. As suggested by Sir John Russel in his report, by adopting this, almost the entire holding of two cultivators are being taken and the improvements tried on a large scale. The cost of the improvements and the returns thereby will be maintained to show to the land owners what the results are.

4. To do this land will have to be taken on lease for two years 1941-42 and 1942-43. The cost of cultivation as per the cropping submitted and the lease amount will be:--

vide details on p.15 below

	Rs.
1941-42.	
Lease of the 25 acres of land Rs.10/-	250
Cost of cultivation Rs.252 or	250
	500
1942-43.	
Lease of the land.	250
Cost of cultivation Rs.252 or	250
	500

B From this area by the sale of the produce an income of Rs.545/- in 1941-42 and Rs.545/- in 1942-43 thus in all about Rs.1,090/- will be the receipts. Details in support of the above figures are enclosed as Appendix IV and V. [H-E. para 2 on p. 21 below]

p.15 below

pp.17-18 below

5. A rough eye sketch of the two survey Nos.84A & B of the Joladarasi village - Bellary taluk, Bellary District on which the trial is proposed together with a sketch of the profile is also enclosed as Appendix II.

H-7-9 below.

Nos. 7-14 of (sketches sent to Govt in orig)

APPENDIX IV.

Estimate of Expenditure in 1941-42.

	Rs.
(a) Lease amount for the 25 acres @ Rs.10 per acre	250
(b) Cultivation Expense of the 5 acres of the plot representing the cultivators' practices:--	
Cotton, 2½ acres @ Rs.12 per acre Rs.30	
Sorghum 1¼ acres @ Rs.8 per acre " 10	
Italian Millet 1¼ acres @ Rs.6 per acre or (according to season) " 8 or	
Korrapathi 1¼ acres @ Rs.12. " 15	
Budgetting for the higher figure.	55
(c) Cultivation Expense of the 20 acre plot of improvements.	
To keep 3 acres fallow free from weeds	
3 harrows @ 0-4-0 per acre Rs. 2	
To cultivate cotton 8½ acres @ Rs.12½ per acre " 106	
To cultivate Sorghum 4¼ acres @ Rs.8½ per acre " 36	
To cultivate Italian Millet 4¼ acres @ Rs.6-8-0 per acre or (according to season) " 28 or ~~or~~	
To cultivate Korrapathi 4¼ acres @ Rs.12-8-0 per acre " 53	197
Budgetting for the higher figure	

A. Total Expenditure in 1941-42.

Rs.250 + 55 + 197 = Rs.502 or Rs.500/-

B. Total Expenditure in 1942-43.

Details same as given for 1941-42 = Rs.500/-

Total grant requested for the two years 1941--43 Rs.1,000/-

APPENDIX V.

Estimate of Receipts from the leased lands in 1941-42 and 1942-43.

Rs.

(a) By sale of the produce from 5 acre plot of the cultivators' method of farming

(i) 2¼ acres of cotton @ 200 lbs. of seed cotton per acre valued @ Rs.3-8-0 per maund of 25 lbs — 70

(ii) 1¼ acres of Sorghum @ 200 lbs. grain and 1,000 lbs. of straw valued @ 40 lbs. per Rupee - grain, 300 lbs straw per Rupee (Total in whole rupees) — 10

(iii) 1¼ acres of Italian Millet @ 300 lbs. of grain and 400 lbs. of straw per acre - valued @ 60 lbs. per rupee - grain and 300 lbs. per rupee - straw — 8

or

(iv) If Korrapathi is grown in 1¼ acres the income will be:--

Cotton 100 lbs. kapas valued Rs.17-8-0

Korra grain and straw " 7-15-0

Rs.25-7-0 or — 25

For the purpose of receipts it is safer to budget the average of Rs.8 and 25/-. Therefore the total receipts will be $70 + 10 + \frac{8 + 25}{2}$ = Rs.95.5 or — 96

(b) By sale of produce from the 17 acres (as 3 acres will be fallow):

(i) 8½ acres of cotton @ 270 lbs. of kapas per acre valued @ Rs.3-8-0 for 25 lbs. — 321

(ii) 4¼ acres of Sorghum @ 300 lbs. of grain and 1,500 lbs. of straw valued @ 40 lbs. of grain and 300 lbs. of straw per rupee = Rs.32+21 = Rs.53 — 53

(iii) 4¼ acres of Italian Millet @ 400 lbs. of grain and 500 lbs. of straw per acre and valued @ 60 lbs. grain and 300 lbs. straw - Rs.37 + 7 = 28 — 35

or

(iv) 4¼ acres of Korrapathi (according to season) cotton @ 150 lbs. of kapas per acre @ Rs.3-8-0 per 25 lbs. .. Rs.91 8¾

or

Setaria @ 300 lbs. of grain and 500 lbs. of straw valued @ 60 lbs. grain and 300 lbs. straw per rupee. 28

Rs.91 8¾ 28 = Rs.119/- — 117 — 119

For purpose of estimates the average of 35 + 119 is taken. Therefore the total estimated receipt from this plot will be Rs.321 + 53 + $\frac{35 + 119}{2}$ = Rs.449/- — 450

The total receipts from the land in 1941-42 is estimated as Rs.96 + Rs.449 = Rs.545/-

The probable receipts in 1942-43 will be slightly higher, as the 3 acre narrow plot may yield nearly double the yield of the cultivated plot, yet for purpose of estimate the receipts are shown as the same as those of 1941-42

The probable receipts in 1941-42 - Rs.545

1942-43 = Rs.545

Total. Rs.1,090

Dest.

T.M.

To,

The D.A.

Dry farming Research —
Trial of the successful methods of dry farming on an area of 25 acres in cultivators' lands — Ref: Your letter, Roc D-1-1402/39 dt 18-7-40

In para 1 of its letter No. F.53 (5)/39-A.I. dt 4-10-39 the ICAR stated that the expenditure on schemes for projects "on cultivators holdings should be equally divided between the council and the Provincial Govt, but it is observed (submitted by the DA from the above scheme) that the entire expenditure of Rs. 1000/- is to be met by the Council. Please say why this has been suggested, and also whether the receipts of Rs. 1090/- in the scheme are to be credited to the Council in full. Please also indicate what steps have been taken to implement the scheme and when it is proposed to start the work.

cf

p.1 of Secy. 29804 III/-1/39 (R) 11-10-39

vide 'A' on p.2 cf.

'B' on p.5 cf.

copy by post P.C. Bpd 20/8

8.8.40

Yours sincerely

C.F. 304—5,386 Bks.—1-2-40.

OFFICE OF THE _____

Dated _____

_____ Hours _____ Minute

TELEPHONIC MESSAGE

From The Director of Agre.

To The Asst. Secy.
Dev. Dept

D.19 above.

Ref: Your T.M. Dt 19.8.40 re. Dry Farming Research - Trial of successful methods of Dry Farming on Cultivators' Lands

The apportionment of the expre. between the Local Govt & the ICAR on a 50% basis referred to in the t.m. was last night. The omission is regretted.

Lease of land (25 acres) for 2 years amounting to Rs 500/- which may be met by the local Govt and the cultivators' expenses for the same period to Rs 500/- & this may be met by the ICAR. Receipts may similarly be credited (½ + ½) to the Govt and the ICAR.

The Scheme will be under the immediate supervision of the Dept Dry Farming Station, Hagari

28/8/40

21

23905 III
30.8.40

ASSISTANT SECRETARY TO GOVERNMENT
30 AUG 1940
DEVELOPMENT DEPARTMENT

Office of the Director of Agriculture,
M a d r a s, Dated the 28th August 1940.

31 (Paras below to be dealt with on receipt of answer to queries which refer to circulation)

POST COPY OF TELEPHONIC MESSAGE.

From The Director of Agriculture, Madras.

To The Assistant Secretary to the Government of Madras, Development Department, Fort St. George.

Reference.- Your telephonic message dated the 19th August 1940 regarding Dry Farming Research - Trial of successful methods of dry farming on cultivators' lands.

Cmt. The apportionment of the expenditure between the local Government and the Imperial Council of Agricultural Research on a 50% basis referred to in the telephonic message was lost sight of. The omission is regretted.

2. Lease of lands (25 acres) for two years amounts to Rs.500/- and which may be met by the local Government and the cultivation expenses for the same period, to Rs.500/- and this may be met by the Imperial Council of Agricultural Research. Receipt may similarly be credited (half and half) to the Government and the Imperial Council of Agricultural Research.

3. The scheme will be under the immediate supervision of the Superintendent, Dry Farming Station, Hagari, Bellary P.O.

for DIRECTOR OF AGRICULTURE.

LSR/29-8.

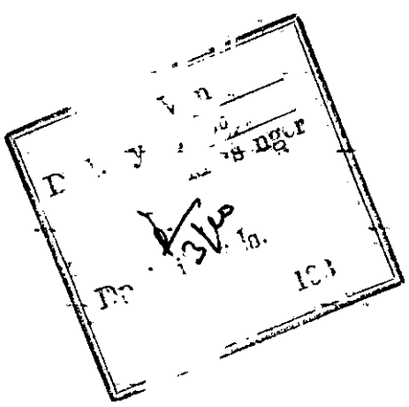
39
214

Dear Sir,

Letter No 20498 III/40-2 dt 2-10-40

Do.

The Secy,
I.C.A.R.
New Delhi



Sir,

Scheme of trial of the successful methods of dry farming on an area of 25 acres in cultivators' lands

With reference to para 2 of your letter No. F. 53(5)/39-AI dated 4-10-39 I am directed to forward herewith a scheme of trial of the successful methods of dry farming on an area of 25 acres in cultivators' lands, formulated by the Dir. of Agri, Madras. The special Sub-Committee appointed by the I.C.C.C to examine and report on the present position of Indian cotton reported in March 1939 that the yield of cotton per acre in India compared very unfavourably with that in

p.1 of Endt. 29804 III/39-1 dt 10-10-39 (R)

Pp. 3-18 ctr

'A' on p. 1 of No. 220 dated 29-1-40 (S)

'B' on p 2 ctr (S)

other countries and recommended
the starting of cultivation projects
in selected holdings of ryots for
concentrating in practice the results
of departmental research and
for demonstrating them to ryots
under cultivators' conditions
with the improved types of cotton
best suited to each tract. The
object of work envisaged by the
sub-committee is identical
with that indicated in your letter
under reference. A scheme has
already been sent to the D.C.C.I.C. on 6-9-40, p. 29 of file
with a view to starting two A 1-662
model cultivation projects on a plot of 500 acres
one in the Bellary Dist. and
another in the Coimbatore Dist,
at an estimated cost of Rs. 18,540/
for a period of five years.
It would be possible to carry out
the suggestion of the D.C.A.R. by/ Para 1 ex. p. 2 c.f.
utilising an area of 25 acres
out of the 500 acres proposed
to be taken for the Project scheme
sent up to the committee, if the
scheme materialises this year.
But, as there is no likelihood
of

of the scheme being sanctioned by the committee by 1st January 1941, the Madras Govt. consider it desirable to push on with the suggestion of the council, which may be carried out in a village called Joladarasi (about 5 miles to the east of the Dry farming Station, Hagari, where the soils are darker and deeper than those of the Dry farming Station) on an area of 25 acres to be leased for the purpose. This extent of land will be divided into a five acre plot where the cultivators' practices will be adopted and a 20 acre plot where the promising improvements of cotton, sorghum and Italian Millet or korrapathi will be tried. The scheme will be under the immediate supervision of the Supdt., Dry Farming Station, Hagarai.

2 The scheme is proposed ~~to be worked~~ for a period of two years from July 1941, if the Council could see its way to provide funds before that date.

The

See 'B' on p. 2 N.F.

para 2 — p. 2 c.f.

sub para 1 on p. 4 c.f.

para 3 — p. 2 c.f.

See p. 15 c.f.

4

The total estimated cost of the scheme is Rs. 1000/-, of which Rs. 500/- (cost of leasing the land) is to be the share of the Provl Govt and the balance of Rs. 500/- (cultivation expenses) the contribution by the council. The Madras Govt agree to meet their share of cost subject to authorisation of the necessary funds by H.E. the Govr. of Madras and to the receipts from the scheme being divided equally between the Govt and the council. ~~Details of proposals together with the estimate of costs and receipts are appended~~.

See p. 18 c/f. & 'A' on p. 21 c/f.

is 8.9.40

Cir 30/9/40

Encls 2 nos

Enclosure

1) copy of pp. 3-5 & 15-18 cf as ~~drawn~~ in pencil
2) Orig. sketches on pp. 7-14 cf.

31/19/4

No.F.48(14)/40-A.I.
IMPERIAL COUNCIL OF AGRICULTURAL RESEARCH,
New Delhi, the 11th November 1940.

R 3840C
15/11/40
C3
15.11.40

From

S. Basu, Esquire, I.C.S.,
Secretary,

ASSISTANT SECRETARY TO GOVERNMENT 15 NOV 1940 REVENUE DEPARTMENT

To

The Secretary to the Government of Madras,
Revenue Department;
Madras.

Rev Dept
Dev (A.O)
No. 15/11
Subject: Trial of successful dry farming methods on cultivators' fields in Madras.

Sir,

With reference to your letter No.20498 III/40-2 dated the 2nd October 1940, I am directed to say that Rep U.O. 3840C/40 16-11-40 the proposal submitted by the Provincial Government does not appear to be a project for trying out all agricultural improvements in a compact area as explained in paragraph 3 of this office letter No.F.85/40-A.I., dated the 14th May 1940. It seems to be in the nature of developmental work or large-scale trials of the methods of dry farming cultivation which have been evolved by research carried on in the main dry-farming scheme in Madras. As it is expected to yield a net profit, I am to suggest that it may be undertaken by the Provincial Government without any initial help from the Council, particularly as the amount involved is small.

- pp.23-26 above
p.15 (R)
p.1-1-5
ASSISTANT SECRETARY TO GOVERNMENT 16 NOV 1940 DEVELOPMENT DEPARTMENT
31955A 16.11.40
p.18 above

I have the honour to be,
Sir,
Your most obedient servant,

Secy. No. 20498 A/40-3 dt 19.11.40
communicated to the D-A
He is requested to report whether it is necessary that the Provincial Govt. should undertake the work.
Dept. informed

S. C. Sarkar
Secretary.

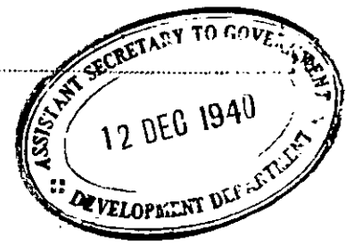
19/11/40

To the D-A.
SB.8/11 (with copy of p.2 cf. & pp.23-26 cf.)
19/11

DY 20/11

C.F. 30.

'AGRICULTURAL' DEPARTMENT.

Received ..... 

Registered 34313 19

Subject.

TRIAL OF SUCCESSFUL DRY FARMING METHODS ON CULTIVATORS' FIELDS IN MADRAS.

ENCLOSURES.
No. .....
.....
Spare copies .....

D.1- No. 1402/39.

Station Madras., Dated the 10th December 1940.

From (Name) A.R.C. Westlake, Esq., I.C.S.,
(Designation) Director of Agriculture,

To The Secretary to the Government of Madras,
Development Department.

Sir,

p 27 above Ref: Government Endorsement No.20498-A/40-3, dated 19th November 1940.

---

pp 3-18 above I think this small scheme is a good one. It is always desirable to test results obtained at a Research Station outside the station. If the test confirms the findings on the station, it will give us a better basis for our propaganda. The money required is small and if all goes well we should recover the money

P.T.O.

expended.

for DIRECTOR OF AGRICULTURE.

KVA.10/12. 10.12.40.

Dev.

Agriculture – D.C.A.R. – Dry Farming Research – Scheme of the successful method of Dry farming on an area of 25 acres in cultivators' lands

Circ 20498 m/40 = pp. 1-18 cf. from the D.A., R.O.C. 1-1.140 3/39 dt 18.7.42.
p. 19 cf. T.N.O. No. D. 4. dated 19 8 40.
p. 21 cf. From the D.A., p. C of the dt 25.5.40

The Special Sub-committee appointed by the D.C.C.C. to examine and report on the present position of Indian cotton reported in March 1939 that the yield of cotton per acre in India compared very unfavourably with that in other countries and recommended the starting of cultivation projects in selected holdings of ryots for concentrating in practice the results of departmental research and for demonstrating them to ryots under cultivators conditions with the improved types of cotton best suited to each tract. In para 1 of his letter on pp. 1-2 cf. the D.A. refers to the schemes formulated by him as per the recommendation of this Special Sub-committee and this scheme aims at starting two model cultivation projects, one in the Bellary Dist and another in the

'A' on p. 1 of Rp. 220 Dev (S) 27-7-40 Rec'd

B on p. 2 of (S)

ibid

'B' on p. 2 of (S)

Coimbatore Dist. The Director's proposals are being forwarded to the I.C.C.C. separately for consideration, ~~and it is doubtful to say whether the scheme can materialise this year~~. The I.C.C.C will have to place this scheme before its meeting in January-February 1941 and then obtain the sanction of the Govt. of India for incurring the expenditure on this scheme, which is estimated at Rs. 18,540/- for a period of 5 years. As there is therefore no likelihood of this scheme being sanctioned by 1st January 1941, the consideration of the scheme submitted by the D.A. on pp. 3-18 c/f may, it seems, be proceeded with.

Sep. file cr. 12642 to be linked

B

Rc'an. 129/40 Coimbatore 564 1854

see 'K' on p. 2 c/f.

2. With a view to translate the results of research into practice, the Advisory Board of the I.C.A.R. recommended in May 1938 that the Provinces and States should be requested to put up schemes for "Projects" on cultivators' holdings in homogenous agricultural tracts with the expenditure thereon being divided equally between the Council and the Provinces or States. The basic idea underlying a "project" is to synthesise the results of research into a system of farming on a holding, a group of holdings, or a village. The

See para 1 - p. 1 of Enclo. 29804 11/35 (R) - 1/- Co. 34

vide 'M' on p. 15 of (R)

'M' on p.15 of (R)

The object of such a system is naturally to give the highest possible financial return to the farmers and at the same time to conserve and build up the fertility of his farm. In the scheme

pp. 3-18 cf.

formulated by the D.A. to achieve this end, he proposes to lease 25 acres of land, which will be divided into

sub para 1 on p.4 cf.

a five acre plot where the cultivators' practices will be adopted and a 20 acre

sub-para 2 on p.4 cf

plot where the promising improvements of cotton, sorghum and Italian Millet or korrapathi will be tried. This 20 acre plot will be divided into

sub-para 2 on p.4 cf.

Fallow	3 acres
cotton	8½ "
Italian Millet or korrapathi	4¼ "
sorghum	4¼ "
	20 acres

para 4 - p.4 cf.

This scheme is to be worked for a period of 2 years from July 1941 at Yeladavasi village (about 5 miles to the east of the Hagari station, Bellary Dt) and

para 3 - p.21 cf.

is to be under the immediate supervision of the Supdt, Dry farming Station, Hagari. The total estimated cost for 2 years

p.15 cf. A

is Rs 1000/-, of which the D.A. suggests

para 2 - p.21 cf.

that Rs. 500/- (cost of leasing the land) may be

be borne by the Provl Govt and the balance of Rs. 500/- (cost of cultivation expenses) by the I.C.A.R. As the expenditure involved is only small and as the council has expressed disappointment at the Provinces not sending any schemes in this important direction, it is for consideration whether the scheme may be forwarded to the I.C.A.R. The probable receipts for the two years will be Rs 1090 & will be equally apportioned between the Govt & the Council

Finance may see the case for acceptance of the scheme.

Cu 7940 D.S.

Lis 6.9.40

Uh 7/9/40

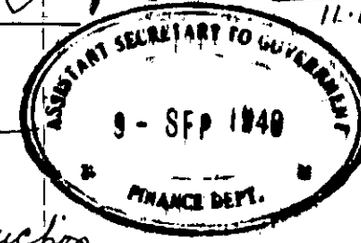
Fin.

Fin (Exp)

Dept no 20498 III/-1/40

7-9-40

Govt No 29804 III Revd 11.10.39 (R)



The position is briefly as follows:-

In its letter dt 4.10.39, the I.C.A.R ~~recommended that~~ recommended that, with a view to improve the efficiency of Cotton production, the results of research should be translated into practice and schemes for 'projects' (the cost of which should be shared equally between the Council and the Provl Govt) to achieve this object were invited.

33537 Rs 8 as 0 p

Revd

cf definition at p 3 (R)

The Indian Central Cotton Committee in its Resol. No. 2 dt 31.3.39 stressed also

✓ para 2 of letter at p 1 (F)

Bom p 2 ✓

G.O. 220 Revd dt 29.1.40 (P)

the need for starting cotton cultivation projects. Schemes formulated with reference to this resolution should be carried out by the Provl Depts of Agriculture in collaboration with the D.C.C. Committee in selected holdings or villages. The proposals of the D.A. with reference to this resolution referred to above are dealt with separately.

copy at fl (T)

Dev. Say that the Scheme would cost Rs 18540 for 5 yrs and that it is being forwarded to the D.C.C. Committee. The suggestions of the ICAR and those contained in the DCC Resolution are identical.

Independently of the above Scheme, Dev. propose to go ahead with and the Scheme formulated at pages 3-18 C.F. with reference to the ICAR's suggestion according to which work is to be started at Jolarasi Village in July 1941. The financial effect of this Scheme is as below:—

cf regarding given at P3 on p2 ante

vide 5 and 15 C.F

1941-42	Rs
Lease of 25 acres of land @ Rs 10/-	250
Cost of Cultivation	250
	500

1942-43	
As in 1941-42	500
Total for 2 yrs	1000

vide 17-18 C.F

Receipts

For two yrs — Rs 1100 only

I. 104-(R)

According to the suggestion of the ICAR both the receipts and expenditure

will be shared equally by the I.C.A.R. and the Provl. Govt. The present scheme does not involve any extra cost to the Govt. as the expenditure is met by the receipts. It need not be treated as a part of the scheme.

Finance may agree to the scheme in this case being forwarded to the I.C.A.R.

PDP
19.9.40

Thro' DS
23.9.40

23/9/40

24/9 Dev

Dy No. 33597 Exp-1
24.9.40

Dev.

A draft letter to the I.C.A.R. is submitted for approval.

30/9/40
S

Thro

29.9.40

ASSISTANT SECRETARY TO ...
25 SEP 1940
DEVELOPMENT

26754 III
25-9-40

M. 23-26 C/F.

(I.C.F.)

D 27

p.27 C.F. from the I.C.A.R. F. 48 14/40-A-2. dt 11.11.40

The council's reply on p.27 C.F. may be communicated to the D.A. and he may be asked to report whether the Provincial Govt should undertake this work. A draft endt on the current on p.27 C.F. is submitted for approval.

CA
19/11/40

Ws
18.11.40

f.27 C.F.
pp 28-30 C.F.

Endt to the D.A. No. 20498 A/40-3 d. 4-11-40 to DA from the D.A. No. 1402-3S dated 10-12-40.

The D.A. seems to suggest that the scheme should be worked at the cost of the Govt funds. A draft order is submitted for approval. It may be sent to Finance for acceptance.

DK
22/12
S

CA
23/12/40

KKK
13/12/40

Fin

No. 20498 A/40-4
24.12.40

Finance (Exp)

(Previous Finance Note at pgs. 4-6 ante)

The I.C.A.R. is not willing to meet half share of the cost of the scheme. As it is expected to yield a net profit the Council suggests that the scheme

IN 1941
p.27 C.F.
00158 Exp

may be undertaken by the Provincial Govt without any initial help from the council particularly as the amount involved is small.

The total expenditure for two years is Rs. ~~41,000~~ 1,000 p. 15 c f

The probable receipts for two years is Rs. 1,094 p. 18 c.f.

Probable profit Rs. 94

The D.H considers that the small scheme is a good one and that if the test confirms the findings on the Station, it would give the Dept a good basis for propaganda. He observes that the money required is small and if all goes well we should recover the money spent. It would therefore seem that there is an element of risk of losing a portion of the money spent But issue in view of the fact that the amount involved is small ~~it would be desirable~~ this Dept. may accept the draft order put up by Development sanctioning the scheme.

M
6.1.41

Car
8/1/41

Through B.E.R
P/S Finance
6.1.41 for his
small expenditure
ahr
7/1

ASSISTANT SECRETARY TO GOVERNMENT
8 JAN 1941
DEPARTMENT

Fin No. 158 E/1.4
8.1.41

1662

81 X

Dev Dept

for orders as to the issue of the draft not

7/1

p 41 below

Issued as GO No 72 Ms dt 15.1.41.

order sent to C/B for issue — Sec

10.1.41

11/1/41

G.F. 16.

DRAFT FOR APPROVAL.

22/5/41 Date. Initials.

Desk Deptt

SUBJECT:—

When received for fair copying ..		
When copied ..		
When examined..		
When signed ..		
When despatched.		

Agriculture – Dry farming Research – Trial on cultivators' lands at Koladerai – Scheme – Sanctioned.

READ AGAIN ....., dated ..... 19....

" " ..... " ..... 19....

READ *ALSO*:—

No. 2048 From the D A D 1, No. 1402, dated 10-12-1940

" A 40 " ..... " 3f " ..... 19....

" ..... " ..... " ..... " ..... 19....

Order / ~~Resolution~~ Ms. / ~~Rout.~~ No. 72, dated 15-1- 1941

Govt approve the scheme drawn up by the Director of Agriculture for the trial of the promising items of improved dry farming method on an area of 25 acres to be leased for the purpose in the Koladerai villages and sanction an expenditure of Rs. 500/- (Rupees five hundred only) for a period of 4-1-41 to 31-12-41. A report on the results achieved should be submitted in Sept. 1943.

7a 22/5/41

16/5/41

C.B. Entry. 432 against 15.9.43. made in the Register.

Sd/ 16.5.41

Sd/ 16/5/41

To the D.A.

To this Dept.

Copy to Fin. Dept.

Sd/ 23/5/41

Sd/ 17.1.41